

ABSTRACT OF THE DISCLOSURE

Bush 1 comprises back metal layer 2 made from a steel plate and porous sintered metal layer 4 made from copper, provided on the surface of back metal layer 2 through copper plating layer 3 and impregnated and coated with sliding material 5 within and on the surface of porous sintered metal layer 4, where sliding material 5 comprises PTFE as the main component (not less than 50 vol.% of the entire material), 3-40 vol.% of Bi particles and/or Bi alloy particles, 1-40 vol.% of injection moldable fluororesin such as PFA, etc., 0.1-20 vol.% of hard particles such as W, Al_2O_3 , etc., and 0.1-20 vol.% of a solid lubricant such as graphite, etc. The sliding material based on PTFE as the main component is free from lead and can further improve the wear resistance, while maintaining good sliding characteristics.

0001550 072701
10220 035500